Active Recombinant Mouse Il30 Protein, His-Tagged

Cat. No. Il30-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Il30 Protein, His-tagged was expressed in E. coli cell
Species	Mouse
Source	E.coli
Description	Interleukin-30 (IL-30) is a protein with a molecular weight of 28 kilodaltons, which forms one chain of the heterodimeric cytokine called interleukin 27 (IL-27), thus is sometimes called IL27-p28. The other chain of IL-27 is a molecule called Epstein-Barr induced gene-3 (EBI3). IL-30 is a member of the long-chain, 4-helix bundle family of cytokines, making it structurally similar to IL-6. This gene for this molecule is now officially called IL-27 under HGNC guidelines.
Form	Lyophilized powder
AA Sequence	MFPTDPLSLQELRREFTVSLYLARKLLSEVQGYVHSFAESRLPGVNLDLLPLGYHLP NVSLTFQAWHHLSDSERLCFLATTLRPFPAMLGGLGT QGTWTSSEREQLWAMRLDLRDLHRHLRFQVLAAGFKCSKEEEDKEEEEEEEEEK KLPLGALGGPNQVSSQVSWPQLLYTYQLLHSLELVLS RAVRDLLLLSLPRRPGSAWDS with polyhistidine tag at the C-terminus
Endotoxin	<0.1 EU per 1 μg of the protein by the LAL method.
Bio-activity	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is <5 ng/mL.

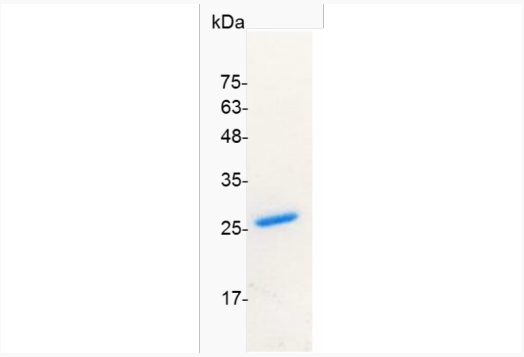
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Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Notes	Please use within one month after protein reconstitution.

GENE INFORMATION

Gene Name	Il27 interleukin 27 [Mus musculus (house mouse)]
Official Symbol	Il30
Synonyms	p28; IL-27; IL27-A; IL-27-A; IL-27p28
Gene ID	246779
mRNA Refseq	NM_145636.2
Protein Refseq	NP_663611.1
UniProt ID	Q8K3I6

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